

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Fischetti et al.

Serial No.

Group: N/A

Filed:

Examiner: N/A

For: **A MEANS FOR THE PROPHYLACTIC AND THERAPEUTIC
TREATMENT OF GROUP A STREPTOCOCCAL INFECTIONS**

The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant provides the following summaries of the enclosed prior art, along with a Form PTO-1449, all of which are enclosed. The statement is submitted under the provisions of 37 CFR 1.56 and 1.97(b)(1).


U.S. Patent No. 5,604,109 (Fischetti et al.) teaches the rapid and sensitive detection of group A streptococcal antigens by a diagnostic test kit which utilizes a sampling device consisting of a throat swab made of synthetic or natural fibers such as Dacron or rayon and some type of shaft which holds the fibers and which is long enough to place the fibers in the tonsillar area and capable of being used to swab the area to remove sufficient numbers of colonizing or infecting organisms. The swab can then be placed in the enzyme extraction reagent in several configurations and subsequently used in an immunoassay. The invention can comprise a test kit for detecting Group A



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streptococci, comprising an extraction reagent containing lysin enzyme for releasing Group A streptococcal components, and a ligand capable of binding with a component of the Group A streptococcus.

Respectfully submitted,



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